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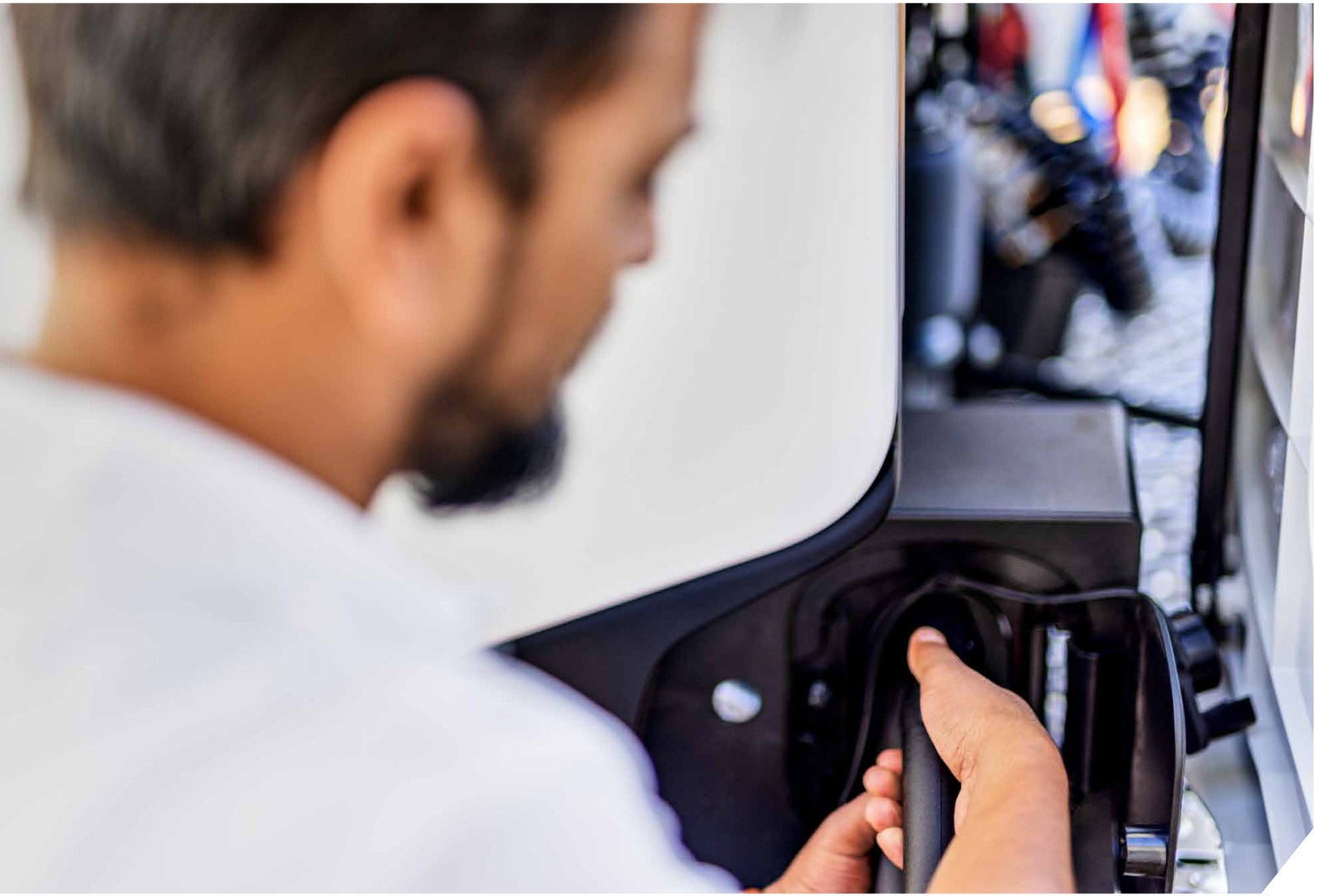


CHARGING INFRASTRUCTURE

BEV

COMPLETE GUIDE TO EV CHARGING

NIKOLA

GOING GREEN

The world is moving from non-renewable to renewable resources and the transportation industry is accelerating efforts to introduce zero-emissions transportation. Fleets transitioning to electric vehicles need a simple and comprehensive process to accomplish their sustainability goals. This guide will help you get started by introducing the steps to implement DC fast charging (fixed or mobile) at a fleet depot or remote location.

CHARGING NEEDS

Electric vehicle charging infrastructure is key to unlocking the Tre BEV. Nikola can help guide you through the process of transitioning your fleet to zero-emissions. Our charging offerings include the Mobile Charging Trailer (MCT) and eSKID chargers, but we also have individuals experienced in navigating challenges related to fixed DC fast charging infrastructure. We want to make your transition to zero emissions as smooth as possible and will try to help accomplish that goal.

CONSIDERATIONS

For EV Charging Deployment

INVESTMENT	GROWTH	UTILITIES	RATES	DEMAND
EV charging infrastructure cost will be dependent on the customer requirement	Analyzing scaling needs	Coordination & collaboration with your Power Utility Company	Electric Vehicle Rates Analysis	Charge Demand Analysis

DEPLOYMENT TIMELINE

Average timing: 1 year depending on fleet size

PHASE 01 PLANNING	PHASE 02 DEVELOPMENT	PHASE 03 DEPLOYMENT
STEPS 1 - 5	Electrical upgrades and construction	Integrating electric trucks

FIXED CHARGING LOCATION

01 ELECTRIC TRUCK DEPLOYMENT

- Determine fleet scaling potential
- Check for any electrical updates required for fleet's electrification
- Identify needed technical support with the help of the utility company
- Confirm charging requirements, needs and costs for deployment
- Identify energy requirements for various truck types

02 FLEET ELECTRIFICATION

- Plan for phasing and deployment timeline
- Analysis on energy requirement (charging times, speed of charging and daily kWh usage)
- Identify truck duty cycles
- Integrate new vehicles into rotation

03 DEPOT ANALYSIS

- Check for space availability
- Check for site infrastructure requirement
- Check for utility grid infrastructure needs
- Evaluate electrical upgrades and charging updates for additional trucks

BUILDING TO SCALE

- Evaluate renewable energy resources
- Evaluate energy storage options

04 CHARGING SPECIFICATIONS

- Charging schedule analysis
- Identify charger type

BUILDING TO SCALE

- Discuss with your utility, if power needs are exceptional

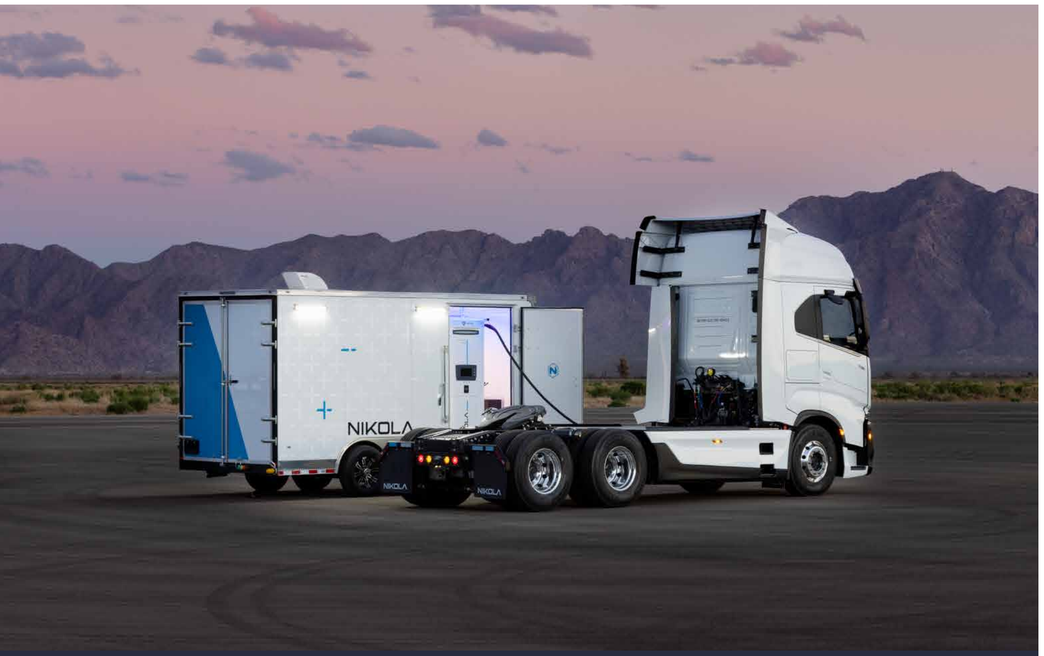
05 DEPLOYMENT OF ELECTRIC SERVICE PLAN

- Analysis of service voltage and load schedule
- Cost analysis for development and infrastructure requirements
- Identify transformer locations

06 START INSTALLATION

ADDITIONAL UTILITY SUPPORT & PROGRAMS

- Power Peak Analysis - Calculates peak power usage and estimated cost
- kWh Breakeven Analysis - Calculates estimated kWh breakeven point to diesel mpg
- Discuss infrastructure incentive programs
- EV rate structure analysis



MCT CAPACITY

Chargers	1 - 2
Trucks Charged per Day	2 - 4

CHARGER

Capacity	175 kW
Manufacturer	Tritium
Connector Type	CCS Type 1
Cable Length	17' (14' reach)

FEATURES

- Plug N' Play
- 1 or 2 cable options

Shore Power Option:
Input: 480VAC 3ph ±10%
Output: 950V DC | Up to 178kW

Genset Option:
350 kW genset

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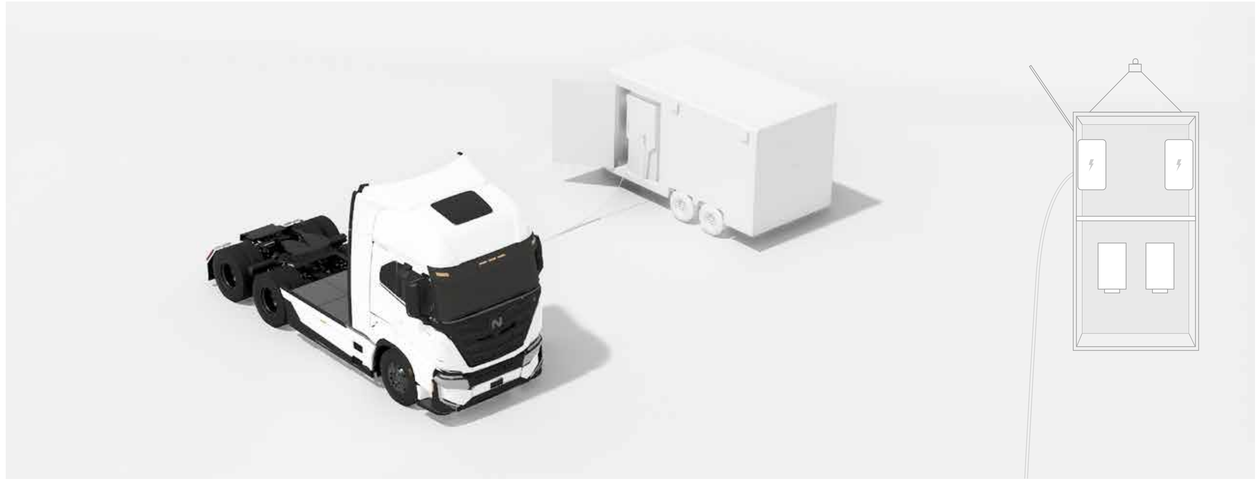
MOBILE CHARGING TRAILER

MCT

ACCELERATE YOUR TRANSITION TO ZERO-EMISSIONS VEHICLES



RECHARGE ANYWHERE, ANYTIME WITH THE NIKOLA MOBILE CHARGING TRAILER

Nikola's Mobile Charging Trailer (MCT) can help speed up your access to EV operations. While others are waiting for permanent charging infrastructure to be built, our simple-to-implement MCT can have you on the road to zero-emissions, lightning fast. This will allow you to focus on how you want to operate and grow your EV fleet before you incur a significant capital expense. Knowing how you want to operate your EVs will help you to be smart about your permanent recharging infrastructure plan.

Our MCT is built on a 16-foot trailer platform and is versatile and flexible. The MCT offers a mobile charging capability to support your EV operations at Fleet depot locations or austere environments. The MCT is truly the right charging system, at the right location, at the right time to support your requirements.

eSKID CAPACITY

NUMBER OF CHARGERS	1 - 2
NUMBER OF TRUCKS CHARGED PER DAY	2 - 4

CHARGER

MANUFACTURER	ChargePoint
POWER	up to 125 kW
CONNECTOR TYPE	CCS Type 1
CABLE LENGTH	14'7"

FEATURES

- Plug N' Play
- 2 Cables (CCS, CHadeMo)

Shore Power Option:
Input: 480VAC 3ph ±10%
Output: 200-1,000V DC | Up to 125kW

Genset Option:
200 kW genset

NIKOLA

eSKID

QUICK INSTALLATION

The eSKID is preconfigured, reducing the time it takes to install EV charging infrastructure.

FLEXIBLE

Provides the ability to charge two trucks at once with 62.5 kW output or divert full power (125 kW) to one charger to fast-track single truck charging.

PORTABLE

Without the need of permanent concrete pads, the eSKID can move wherever you go and relocated as your business grows, moves, and evolves.